

Dr. Roger T. Howe
Stanford University



EDUCATION

University of California, Berkeley
Ph.D., Engineering Science, 1984
M.S., Engineering Science, 1981
Harvey Mudd College
B.S., Physics, 1979

WORK EXPERIENCE

Stanford University
Professor of Electrical Engineering, 2005 - Present
University of California, Berkeley
Assistant, Associate, and full Professor, Dept. of Electrical Engineering and
Computer Sciences, 1987 - 2005
Professor, Dept. of Mechanical Engineering, 1997 - 2005
Associate Director, Director: Berkeley Sensor & Actuator Center, 1987 –
2005
Massachusetts Institute of Technology
Assistant Professor, Dept. of Electrical Engineering and Computer Science,
1985 - 1987
Carnegie-Mellon University
Assistant Professor, Dept. of Electrical and Computer Engineering, 1984 -
1985

AREAS OF EXPERTISE

Micro/nano sensor and actuator design and fabrication, integrated processes, parallel
microassembly technologies, bulk and surface properties of microstructural materials.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS

Co-recipient, IEEE Cledo Brunetti Award (1998); Analog Devices Career Development
Professorship (1988-1991); Presidential Young Investigator Award, NSF (1986); Faculty
Development Award, IBM (1984-1986); Sakrisson Memorial Prize and Angelakos Memorial
Achievement Award, Department of Electrical Engineering and Computer Sciences, University
of California, Berkeley; Fellow, IEEE (1996); Member, National Academy of Engineering
(2005).